

ADDITIONS TO THE FLORA OF THE NORTHERN TERRITORY

by

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INTRODUCTION

A total of forty-nine species are recorded as new for the Northern Territory. The new records are mainly from the tropical sector and the western border area of the arid zone.

One species, *Amsinckia hispida* (Ruiz. et Pav.) I. M. Johnston, is an exotic weed in the eastern and southern states, and its introduction into the Northern Territory may be the result of seed dispersal by either a tourist vehicle or dry feed from the south.

LIST OF SPECIES

MONOCOTYLEDONEAE

Gramineae

Eragrostis australasica (Steud.) C. E. Hubbard

S. A. Parker 317, Alice Springs Sewerage Farm, 10 October 1970.

Eragrostis clelandii S. T. Blake

J. Must 336, 17 miles N.W. of Andado Homestead, 10 August 1968.

Sporobolus elongatus R. Br.

D. J. Nelson 484, 24 miles S. of Alice Springs, 21 August 1962;

A. C. Beaglehole 20667, Valley of Eagles, 35 miles E.N.E. of Alice Springs, 13 October 1966.

Hydrocharitaceae

Blyxa aubertii Rich.

F. R. Higginson, s.n. Wirowai Lagoon, Grove Peninsula, 14 August 1969 (NSW 130162).

Maidenia rubra (W. V. Fitzg.) Rendle

N. Byrnes 850, Humpty Doo Road, 23 April 1968; N. Byrnes 657, Survey Creek, Tipperary Station, 2 May 1968.

Liliaceae

Tricoryne elatior R. Br.

J. H. Willis s.n., Mt. Sonder, 20 July 1966 (MEL) [this is the form described as *T. teuella* R. Br.]; C. Dunlop 1986, 20 miles N.N.E. of Docker River Settlement, Petermann Ranges, 29 October 1970.

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Orchidaceae

Nervilia discolor (Bl.) Sehltr.

N. Byrnes 1698, Green Ant Creek, 6 March 1970.

Nervilia holochila (F. Muell.) Sehltr.

N. Byrnes 1700, Mt. Bundy, 6 March 1970.

Pontederiaceae

Monochoria hastata (L.) Solms.

N. Byrnes 669, 5 miles E. of Litchfield Homestead, 3 May 1968.

Typhaceae

Typha orientalis Presl

N. Byrnes 1667, West Coast, opposite Peron Isle, 26 August 1969.

DICOTYLEDONEAE

Amaranthaceae

Ptilotus royceanus E. Benth

J. R. Maconochie 780, in a gorge $\frac{1}{2}$ mile E. of Ewalinga Rockhole, Petermann Ranges, 19 September 1969.

Ptilotus leucocoma (Moq.) F. Muell.

E. C. Black s.n. near Granites, September 1936 (AD 96215257).

Boraginaceae

Amsinckia hispida (Ruiz. et Pav.) I. M. Johnston

F. C. Vassek 680914-29, 53 miles W. of Alice Springs, 14 September 1968.

Chenopodiaceae

Atriplex suberecta I. C. Verdoorn

R. A. Perry 5464, 5 miles S.E. of Ringwood Station, 9 September 1955.

Bassia astrocarpa F. Muell.

P. K. Latz 595, 4 miles S. of Sangster's Bore, Tanami Sanctuary, 27 May 1970; *J. R. Maconochie* 1074, 23 miles N. of Chilla Well, 29 July 1970.

Bassia articulata J. M. Black

A. C. Beaglehole 10298, 13 miles S. of Henbury Craters, 4 July 1965.

Bassia brachyptera (F. Muell.) R. H. Anderson

A. Nicholls 934, 3 miles E. of Victory Downs Homestead, 18 September 1968.

Bassia georgei E. H. Ising

P. K. Latz 946, approx. 55 miles S.E. of Docker River—Pottoyu Hills, 3 November 1970.

Bassia minuta E. H. Ising

J. R. Maconochie 1093, in a rock-hole 58 miles S.E. of False Mt. Russell, 31 July 1970.

Kochia radiata P. G. Wilson

A. E. Orchard 872, Gibson Creek ca. 56 Km. N. of Tennant Creek, 19 July 1968.

Malacocera tricornis (Benth.) R. H. Anderson

F. C. Vassek 680918-13, 2 miles E. of Victory Downs, 18 September 1968; *A. Nicholls* 935, 18 September 1968.

Suaeda australis (R. Br.) Moq.

N. Byrnes 1687, 5 miles N. of Finnis River, West Coast, 27 August 1969.

Combretaceae

Terminalia crassifolia Exell

N. Byrnes 1864, Fletcher Creek, 8 April 1970; *N. Byrnes* 1868, Wearyan River, 8 April 1970.

Terminalia fitzgeraldii C. A. Gardner

N. Byrnes 1251, Elizabeth River, 19 December 1968; *N. Byrnes* 1630, Reynolds River, 14 May 1969.

Compositae

Brachycome tesquorum J. M. Black

G. Chippendale, 17 miles S.W. of Huckitta Homestead, 13 August 1959 (N.T. 6511); *J. H. Willis* s.n., Gosse's Bluff, 26 July 1966 (MEL).

Crassulaceae

Crassula colorata (Nees) Ostenfeld

A. C. Beauglehole 27991, 31 miles E. of Andado Homestead, Simpson Desert, 29 July 1968; *A. C. Beauglehole* 28051, Granite Knobs, 29 miles S.E. of Kulgera, 30 July 1968.

Dicrastylidiaceae

Newcastelia cladotricha F. Muell.

J. R. Maconochie 930, ca. 1 mile N. of False Mt. Russell, 2 August 1970.

Euphorbiaceae

Omalanthus populifolius Grah.

N. Byrnes 1678, 8 miles N.E. of Wangi Homestead, 26 August 1969.

Goodeniaceae

Leschenaultia helmsii Krause

J. R. Maconochie 1071, $\frac{1}{2}$ mile S. E. of Chilla Well, 29 July 1970.

Mimosaceae

Acacia pachyacra Maiden & Blakely

J. R. Maconochie 754, 10 miles W. of Chirnside Creek, Petermann Ranges, 18 September 1969.

Myoporaceae

Eremophila polyclada (F. Muell.) F. Muell.

P. K. Latz 154, 5 miles W. of Tarlton Downs Homestead, 11 February 1968.

Eremophila turtonii F. Muell.

J. R. Maconochie 801, 1½ miles W. of Docker River Settlement, Petermann Ranges, 20 September 1969.

Papilionaceae

Crotalaria alata Ham.

N. Byrnes 603, Tortilla Flats, Adelaide River, 9 May 1968; N. Byrnes 784, Pine Creek-Oenpelli Road, 4 miles E. of Mary River, 16 May 1968.

Crotalaria quinquefolia L.

N. Byrnes 205, Beatrice Hill, 15 March 1967.

Crotalaria verrucosa L.

C. S. Robinson 55, Katherine, 9 June 1968.

Cyclocarpa stellaris Afz. ex J. G. Baker

N. Byrnes 1915, ca. 10 miles N. of Mudginberri [This is the first record for mainland N.T.: Specht (1958) in *Records of the American-Australian Scientific Expedition to Arnhem Land 3*: 42 recorded it from Bickerton Island.]

Mucuna urens DC var. *papuana* F. M. Bailey

N. Byrnes 1901, Adelaide River-Daly River Road on river bank, 15 April 1970; N. Byrnes 217, loc. ipse, 4 April 1967; N. Byrnes 1802, Green Ant Creek, Stuart Highway, 6 March 1970.

Smithia conferta Sm.

E. S. Robinson 24, Humpty Doo, 28 April 1967.

Portulacaceae

Anacampseros australiana J. M. Black

P. K. Latz 407, Valley of Eagle, Alice Springs area, 28 December 1968 [Noted by J. H. Willis at S. foot of Mt. Sonder and in George Gill Range, July 1966.]

Calandrinia disperma J. M. Black

A. Weidemann s.n. 15 miles N. of Andado Station, 12 August 1968; J. Must 113, 17 miles N.W. of Andado Station, 11 July 1968; R. Carolin 5213, ca. 15 miles E. of Curtin Springs.

Proteaceae

Grevillea erythroclada W. V. Fitzg.

N. Byrnes 472, Daly River near crossing, 23 August 1967; G. F. Hill s.n., 20 miles S.W. of Borroloola, 7 September 1911.

Grevillea pterosperma F. Muell.

G. Chippendale, 18 miles S.W. of Glen Edith, 24 June 1959 (N.T. 6272); A. C. Beaglehole 26551, 1 mile N.E. of Reedy Rockhole, George Gill Range, 11 July 1968; A. C. Beaglehole 26942 Kathleen Spring, George Gill Range, 15 July 1968.

Hakea rhombales F. Muell.

J. R. Maconochie 688, 12 miles E. of Docker River Settlement, Petermann Ranges, 21 January 1969; J. R. Maconochie 764, 20 miles E. of Docker River Settlement, Petermann Ranges, 19 September 1969.

Rhamnaceae

Emmenosperma cunninghamii Benth.

N. Byrnes 1494, East Point, Darwin, 16 April 1969.

Rutaceae

Geijera linearifolia (DC) J. M. Black

R. E. Winkworth 1123, 15 miles N. of Alice Springs, 2 May 1955.

Santalaceae

Santalum album L.

N. Byrnes 882, Thring Creek, Darwin, 18 July 1968.

Scrophulariaceae

Mimulus prostratus Benth.

J. R. Maconochie 1043, 5 miles S.E. of Mongrel Downes Homestead, 26 May 1970.

Mimulus repens R. Br.

S. A. Parker 286, 45 miles S.W. of Mongrel Downes Homestead, 2 August 1970.

Zygophyllaceae

Tribulus hirsutus Benth.

J. R. Maconochie 1075, 24 miles N.W. of Chilla Well, Tanami Sanctuary, 29 July 1970; P. K. Latz 728, 46 miles S.W. of Mongrel Downes Homestead, 1 August 1970.

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